IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kenneth J. Hines

Group Art Unit: 2122

Application No. 09/886,479

Filed: June 20, 2001

For: COORDINATION-CENTRIC FRAMEWORK
FOR SOFTWARE DESIGN IN A DISTRIBUTED
ENVIRONMENT

Date: October 5, 2001

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

[✓] Information Disclosure Statement
[✓] Form PTO-1499, together with copies of cited references
[✓] Return receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Kenneth J. Hines

By _____
Steven J. Munson
Registration No. 47,812

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 10488/15:1 USA

Application No.: 09/886,479

Filed: June 20, 2001

Inventor: Kenneth J. Hines

Title: **COORDINATION-CENTRIC FRAMEWORK FOR SOFTWARE DESIGN IN A DISTRIBUTED ENVIRONMENT**

Docket No.: 10488/15:1 USA

2122
#4

CERTIFICATE OF MAILING

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Date of Deposit: October 5, 2001

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING DEPOSITED WITH THE UNITED STATES
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FOR PATENTS, WASHINGTON, D.C. 20231.

Signature

Cathy Montee
Typed or printed name of person signing
certificate

Attachments:

[✓] Transmittal letter (in duplicate)
[✓] Information Disclosure Statement
[✓] Form PTO-1499, together with copies of cited references
[✓] Return receipt postcard

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Group Art Unit: 2122

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INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER FOR PATENTS:

Pursuant to his duty of disclosure, applicant encloses a copy of the documents listed on the accompanying Form PTO-1449.

1.   This information disclosure statement is being submitted:

a.   [X]   Within three months of the filing date of the above-identified application or within three months of the date of entry of the national stage, or before the mailing date of the first Office action on the merits, whichever event occurs last. (No statement under 37 CFR 1.97(e) is required.)

b.   [ ]   After the period set forth in paragraph 1a, but before the mailing date of either a final action or a notice of allowance. (Check box i. or ii.)

i.   [ ]   A $240.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is enclosed.

ii.   [ ]   A statement specified by 37 CFR 1.97(e) is set forth below.
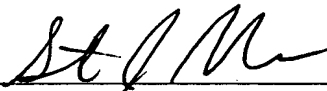
c.   [ ]   After the mailing date of a final action or notice of allowance and on or before payment of an issue fee. A statement specified by 37 CFR 1.97(e) is set forth below. A petition requesting consideration of the information disclosure statement and the $130.00 petition fee set forth in 37 CFR 1.17(i) are enclosed.

2.   [ ]   The attorney or agent signing below hereby states that:

[ ]   each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

[ ]   no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

3.   [ ]   Applicant(s) set forth below concise explanations of the relevance of each document not in the English language and/or selected document(s) in the English language.

Respectfully submitted,

Kenneth J. Hines

By _____
Steven J. Munson
Registration No. 47,812

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Portland, Oregon 97204-1268
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Attorney Docket No. 10488/15:1 USA

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	APPLICANT Kenneth J. Hines	
		FILING DATE June 20, 2001	GROUP 2122

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6 0 5 2 5 2 7	4/18/00	Delcourt et al.	395	705	
	AB	5 9 2 0 7 1 7	7/06/99	Noda	395	701	
	AC	5 8 7 0 5 8 8	2/09/99	Rompaey et al.	395	500	
	AD	5 8 1 9 2 7 0	10/06/98	Malone et al.	707	7	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
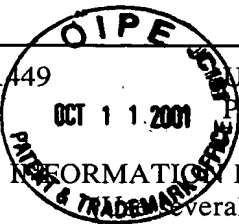
	AE	[Barrett et al., 1996] Barrett, D.J., Clarke, L.A., Tarr, P.L., and Wise, A.E. 1996). A framework for event-based software integration. *ACM Transactions on Software Engineering and Methodology*, 5(4):378-421.
	AF	[Borning, 1986] Borning, A. (1986). Classes versus prototypes in object-oriented languages. In *Fall Joint Computer Conference*.
	AG	[Chou, 1998] Chou, P. (1998). *Control Composition and Synthesis of Distributed Real-Time Embedded Systems*, Ph.D., thesis, University of Washington.
	AH	[Chou et al., 1998] Chou, P., Hines, K., Partridge, K., and Borriello, G. (1998). Control generation for embedded systems based on composition of modal processes. In *Proc. International Conference on Computer-Aided Design*.
	AI	[Ciancarini, 1996] Ciancarini, P. (1996). Coordination models and languages as software integrators. *ACM Computing Surveys*, 28(2):300-302.
	AJ	[DeLine, 1999] DeLine, R. (1999). Avoiding packaging mismatch with flexible packaging. In *Proc. International Conference on Software Engineering*, pages 97-106.
	AK	[Gelernter, 1986] Gelernter, D. (1986). Generative communication in Linda. *ACM Transactions on Programming Languages and Systems*, 7(1).
	AL	[Gelernter and Carriero, 1992] Gelernter, D. and Carriero, N. (1992). Coordination languages and their significance. *Communications of the ACM*, 35(2):97-107.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479
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OIPE OCT 1 1 2001 (stamp)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AM	[Hines, 1996] Hines, K. (1996). A Framework for Embedded System Co-simulation with Dynamic Communication Support.
	AN	[Hodges, 1999] Hodges, W. (1999). Position paper. DARPA Workshop on Model-based Methods for Embedded Software Creation, (3 pgs).
	AO	[Lieberman, 1986] Lieberman, H. (1986). Using prototypical objects to implement shared behavior in object oriented systems. In *OOPSLA '86 Proceedings*.
	AP	[Selic, 1998] Selic, B. (1998). Using UML for Modeling Complex Real-Time Systems, pgs. 246-256.
	AQ	[Tallman and Kain, 1998] Tallman, O. and Kain, J.B. (1998). COM versus CORBA: A decision framework. *Distributed Computing*.

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